

Message

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**From:** Kipka, Undine [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0D60CC61657D4CEDB97ED154C97B1690-KIPKA, UNDI]  
**Sent:** 2/14/2017 7:14:31 PM  
**To:** Nerden, Joseph (DEP) [Joseph.Nerden@MassMail.State.MA.US]; Vakalopoulos, Catherine (DEP) [catherine.vakalopoulos@state.ma.us]  
**CC:** Papadopoulos, George [papadopoulos.george@epa.gov]; kevin.brander@state.ma.us  
**Subject:** RE: Flow Meter Discussion - MBTA CRMF (MA0003590)

Hi Joe,

First, I would ideally want a confirmation from Clary that DMH 13.4 is accessible and representative for water quality sampling under the currently effective permit and that DMH13.4 is in fact the location that Keolis/MBTA is now using for reporting to NetDMR. Clary gave me a quick "yes" about the location change at the end of last month over e-mail but more details are always good. With regards to the other locations, some of those are locations Bill has suggested for water quality sampling, and we are considering them for the 308.

Based on the information from the call, I am also confused about how much of the drainage system is consistently submerged (below the water table) and whether there is possibility for significant infiltration and/or tidal effects from the receiving water at DMH 13.4 under more extreme conditions. If there is that possibility, to me it doesn't seem like a good strategy for flood management, and flood management is the major reason why MBTA/Keolis upgraded the drainage system in the first place ... never mind past or future permit conditions.

Does that help? Please give me a call if not.

Undine Kipka  
(617) 918 1335

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**From:** Nerden, Joseph (DEP) [mailto:Joseph.Nerden@MassMail.State.MA.US]  
**Sent:** Tuesday, February 14, 2017 1:55 PM  
**To:** Vakalopoulos, Catherine (DEP) <catherine.vakalopoulos@state.ma.us>; Kipka, Undine <kipka.undine@epa.gov>  
**Cc:** Papadopoulos, George <papadopoulos.george@epa.gov>; kevin.brander@state.ma.us  
**Subject:** FW: Flow Meter Discussion - MBTA CRMF (MA0003590)

Hi Undine,

I'm unclear on why DMH 13.4 could not be used for water quality sampling. Locations upstream would not be representative of MBTA flow because MBTA's oil/water separator is still connected to the system at DMH 13.4. Sampling upstream of 13.4 would miss contaminants historically associated with this site and still MBTA's responsibility.

Joe

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**From:** Kipka, Undine [mailto:kipka.undine@epa.gov]  
**Sent:** Tuesday, February 14, 2017 1:18 PM  
**To:** COUTU Clary  
**Cc:** Michael Clark; Kearney, Janis O. (MBTA); William Betters (wbetters@cdwconsultants.com); Papadopoulos, George; Vakalopoulos, Catherine (DEP); Nerden, Joseph (DEP)  
**Subject:** RE: Flow Meter Discussion - MBTA CRMF (MA0003590)

Hi Clary,

Thanks again for the information on the call.

I wanted to add another thing to the list of informational action items from the call:

I was hoping to get some clarification on the representativeness of water quality grab/composite samples from DMH 13.4. On the call it sounded like DMH 13.4 was not directly accessible for either flow meter installation or possibly even water quality sampling. You had mentioned at the end of last month that effluent sampling is now being conducted at DMH 13.4 under the currently effective permit. Could you describe in detail how effluent sampling is presently conducted to allow for both access and representativeness?

Also, for future reference, which of the following locations could be accessible for water quality sampling: DMH 13, DMH 13.1, DMH 13.2, DMH13.3, DMH 13.5, DMH 13.6, DMH 13.7, and DMH 13.8?

Please let me know if you have any questions in the meantime.

Undine Kipka  
(617) 918 1335

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**From:** Michael Clark [<mailto:MichaelClark@kennedyjenks.com>]  
**Sent:** Tuesday, February 14, 2017 10:03 AM  
**To:** Kipka, Undine <[kipka.undine@epa.gov](mailto:kipka.undine@epa.gov)>; Kearney, Janis <[JKearney@MBTA.com](mailto:JKearney@MBTA.com)>; William Betters ([wbetters@cdwconsultants.com](mailto:wbetters@cdwconsultants.com)) <[wbetters@cdwconsultants.com](mailto:wbetters@cdwconsultants.com)>; COUTU Clary <[clary.coutu@keoliscs.com](mailto:clary.coutu@keoliscs.com)>  
**Subject:** RE: Flow Meter Discussion - MBTA CRMF (MA0003590)

855-813-2486

2041#

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**Michael P. Clark, PE, LSP, ENV™ SP, BCEE, TPI**  
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-----Original Appointment-----

**From:** Kipka, Undine [<mailto:kipka.undine@epa.gov>]  
**Sent:** Friday, February 10, 2017 1:15 PM  
**To:** Kipka, Undine; Kearney, Janis; Michael Clark; William Betters ([wbetters@cdwconsultants.com](mailto:wbetters@cdwconsultants.com))  
**Subject:** FW: Flow Meter Discussion - MBTA CRMF (MA0003590)  
**When:** Tuesday, February 14, 2017 10:00 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** Call-in: 617-918-2222; press 71335; press 123456

This conference line is limited to 6 people. Please let me know if additional folks plan to call in. Thanks!

To access the call session the participants will need to:

**Dial** the conferencing pilot number **617-918-2222**

**Enter** the 5-digit conference extension **71335**

**Enter** the passcode **123456**

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